variational dimensions for single query information access applications and use cases

part of lunch group sichuan

entertainme 2011, july 28, beijing

dimensions of variation we might be interested in:

1. user engagement: lean-fwd vs lean-back
2. user vs system initiative: push vs pull
3. user expertise in domain
4. topic vs appeal based success metric; (optimisation vs satisfaction?)
5. user trust in system information and motives
6. sustainability and persistence of results: reusable? saveable? worth saving?
7. complexity of results: single item vs complex model
8. bandwidth: (up or down?)

… more?

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2. prior information? (quality of the same?)
3. serendipity desirable?
4. platform question: mobile (what does it contribute or detract?)
5. evaluation target notion and standard tasks?
6. demarcation against recommendation systems and general case exploratory interfaces

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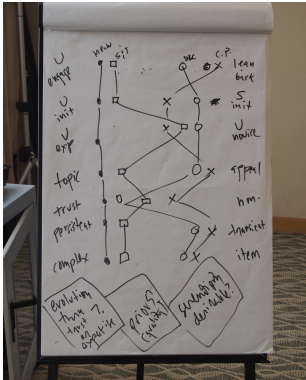6. demarcation against recommendation systems and general case exploratory interfaces

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examples of how systems discussed in the session can be traced through the variation dimensions

- Couch Potato ($\times$)
- BBC Video Archive ($\circ$) [Davies and Bland]
- Medical Review ($\bullet$) [Karimi and Scholer]
- Show & Tell ($\square$) [Lingnau, Ruthven, and Landoni]